

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L18	25	shift\$3 with symmetr\$5 with filter with (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:30
L19	48998	half-ton\$3 or (half ton\$3) or halfton\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:31
L20	37677	*1" and L19	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:31
L21	0	18 and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:31
L22	0	filter with (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:35
L23	4325	filter with (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:35
L24	43	19 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:36
L25	28	(shift\$3 or mov\$5) with symmetr\$5 with filter with (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:41
L26	10	"5946454"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:59
L27	2	"5946454".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 09:59
L28	25	("4547812" "4783840" "4853795" "4901063" "4941191" "5023919" "5073959" "5210623" "5231677" "5271064" "5351305" "5381490" "5438437" "5467422" "5473440" "5724259" "5822465").PN. OR ("5946454").URPN.	US-PGPUB; USPAT; USOOCR	ADJ	ON	2008/04/29 09:59

L29	1840	((shift\$3 or mov\$5) with symmetr\$5) and (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5) and filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 10:09
L30	71	((shift\$3 or mov\$5) with symmetr\$5) same (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5) same filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 10:09
L31	48	(shift\$3 with symmetr\$5) same (non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5) same filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 10:10
L36	962	19 and (dotgain or dot-gain or (dot gain))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 10:41
L37	46	36 and (threshold\$4 same quantiz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 10:41
L38	516	382/264.cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 11:43
L39	11	38 and 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 11:44
L40	27	(shift\$3 with symmetr\$5 with filter\$3) same 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 11:57
L41	6	"6058407"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:02
L42	574	(shift\$3 with filter\$3) and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:41
L43	31	42 and symmetr\$5 and (nonsymmetr\$5 or non-symmetr\$5 or asymmetr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:42
L44	4	42 and symmetr\$5 and (filter\$3 with (nonsymmetr\$5 or non-symmetr\$5 or asymmetr\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:43
L45	1394	(filter\$3 with (nonsymmetr\$5 or non-symmetr\$5 or asymmetr\$5)) same symmetr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:48

L46	0	(filter\$3 with (nonsymmetr\$5 or non-symmetr\$5 or asymmetr\$5) same symmetr\$5 same shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:48
L47	98	(filter\$3 with (nonsymmetr\$5 or non-symmetr\$5 or asymmetr\$5) same symmetr\$5 same shift\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:48
L48	8073	(symmetr\$5 with shift\$3) and shift\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:51
L49	330	(symmetr\$5 with shift\$3 with filter\$3) and shift\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:51
L50	5031	(non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5 or antisymmetr\$5 or anti-symmetr\$5) with filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:52
L51	60	49 and 50	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:52
L52	157888	pf or (low pass filter\$3) or (low-pass filter\$3) or (low-pass-filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:54
L53	1104	L52 and 50	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:54
L54	259585	(non-symmetr\$5 or nonsymmetr%4 or asymmetr\$5 or antisymmetr\$5 or anti-symmetr\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:55
L55	314	52 with 54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:55
L56	8826	52 and 54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:55
L57	386	56 and "382".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 12:55
L58	3	(hansen-m or (von wechgeln) or vonwechgeln-j or wechgeln-j).in. and 54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 13:01
L59	9	shift\$3 with filter\$3 with (kernel or coefficient\$1) with asymmetr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 13:13

L60	52	shift\$3 with filter\$3 with (kernel or coefficient\$1) with symmetr\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 14:00
L61	192	50 and "382".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 14:01
L62	168	50 and symmetr\$5 and "382".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/29 14:26
L63	0	("2004/0247200").URPN.	USPAT	ADJ	ON	2008/04/29 14:43
S1	157731	lpf or (low pass filter\$3) or (low-pass filter\$3) or (low-pass-filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:31
S2	1077	filter\$3 with symmetr\$4 with (asymmetr\$4 or nonsymmetr\$4 or non-symmetr\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:32
S3	1564	(filter\$3 with symmetr\$4) and (filter with (asymmetr\$4 or nonsymmetr\$4 or non-symmetr\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:32
S4	400	S1 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:33
S5	330	shift\$3 with symmetr\$4 with filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:33
S6	28	S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:33
S7	5	S6 and binary	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:34
S8	0	causal with symmetr\$4 with filter43	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:35
S9	23	causal with symmetr\$4 with filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:35
S10	516	382/264.cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:41
S11	271	382/272.cols.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:41
S12	7	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:41

S13	2	"5946454".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:48
S14	193	(hansen-michael\$ or Wechgein-jorg\$).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:53
S15	37	(hansen-michael\$ or Wechgein-jorg\$).in. and filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 09:53
S16	1008	(quantiz\$5 with (binary or bitmap)) and "382".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 11:52
S17	216	S16 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 11:52
S18	3653	threshold with (neighbor \$4 or adjac\$4) with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 11:53
S19	22035	threshold with (neighbor \$4 or adjac\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 11:53
S20	17	S17 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 11:53
S21	2	"4912569".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:21
S22	5	"2001005270"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:28
S23	0	"2001/005270"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:29
S24	2	"20010005270"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:29
S25	0	(quantiz\$3 and filter43 and threshold and binary and screen and dot).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:33
S26	2	(quantiz\$3 and filter43 and threshold and binary and screen and dot).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:33
S27	2	"6697168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:35
S28	0	Von-Wechgein-J.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:48

S29	0	(Von Wecheln-J).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:48
S30	7	("6476936" or "6931163" or "6697168") or 10/103354	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:51
S31	1	model screen dot	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 12:56
S32	755	quantiz\$5 with binary with image\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:26
S33	1	10/811475	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:32
S34	48940	half-ton\$3 or (half ton\$3) or halfton\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:40
S35	1929	S34 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:40
S36	1504	S35 and threshold\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:40
S37	62	S36 and (quantiz\$5 with (binary or bitmap or bit- map or (bit map)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:41
S38	12148	antialias\$4 or anti-alias\$4 or (anti alias\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:45
S39	741	S34 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:45
S40	425	S39 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:46
S41	2172	S38 with S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:46
S42	370	S41 and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:46
S43	150	S42 and binary	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 13:46
S44	5792	358/1.9.xls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:54

S45	296	S44 and S1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:54
S46	0	S45 and threshold43	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:54
S47	192	S45 and threshold\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:54
S48	120	S47 and screen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:55
S49	847	filter with smaller with screen	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:55
S50	0	S48 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/24 15:56
S51	49003	half-ton\$5 or halfton\$5 or (half ton\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:25
S52	1077	filter\$3 with symmetr\$4 with (asymmetr\$4 or nonsymmetr\$4 or non- symmetr\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:26
S53	18	S52 and S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:26
S54	1564	(filter\$3 with symmetr\$4) and (filter with (asymmetr \$4 or nonsymmetr\$4 or non-symmetr\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:34
S55	30	S51 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:34
S56	30	S51 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:35
S57	30	S51 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:35
S58	157731	lpf or (low pass filter\$3) or (low-pass filter\$3) or (low- pass-filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:35
S59	400	S58 and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:35
S60	400	S59	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:35

S61	19	\$57 and threshold\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:36
S62	2	"6596442".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:37
S63	2	"6222945".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/25 10:42
S64	2	"5333064".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 09:22
S65	82437	(bit-map or (bit map) bitmap or binary) with (resolution with increas\$3 or chang\$3 or conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 09:39
S66	2	"6697168".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 10:35
S67	48960	half-ton\$3 or (half ton\$3) or halfton\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 11:21
S68	85	S67 and (de-screen\$3 or descreen\$3) and quantiz \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 11:21
S69	0	2003/0090720	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 11:24
S70	3	"20030090720"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 11:24
S71	4	"20030090729"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 11:24
S72	157797	lpf or (low pass filter\$3) or (low-pass filter\$3) or (low- pass-filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 12:03
S73	54	S68 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 12:03
S74	2	"4630125".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 12:14
S75	89	(de-screen\$3 or descreen \$3) and quantiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2008/04/28 13:32

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